Contents	Reference to last Measurement
7	8
2475-00	
49900-00	
37475-00	
3748-00	
55021-00	
283599-00	

SBR No: 114/16-17
30/07/16

M. A. R. 57 (Rule 116)
Measurement Book

BR-392
30-7-16

No. B 265510

Serial No. 75

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... M/s. Lakshminarayana Contractor.

Date of commencement of work ..... D.O. Recording = 30-07-2016

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to Roads and drains at Lalapet Layout in Ward no.11, Vidyanagar Sub-Division.						
	Estimated Cost Rs. 20.00 Lakhs.						
	JOB. No = 011-16-000006						
	Work order no = EE/BTP/BBMP/B-Pmt/03(17826)/WO/280/2015-16 dt. 09-03-2016						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Date of Commencement = 10.03.2016						
	Date of Completion = 20.07.2016						
	(1) Earth work Excavation by manual means in ordy soil including an average horizontal throw upto 2 mts and an average lift upto 0.50m, Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer-in-charge						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	of the work.
	(2) Removing of B. C complete as per Engineer-in-ch

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265511

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of the work.						
			qty vide this MB. P. 265575				
			It no (1) 687 sqm @ 75/sqm				51525.00
(2)	Removing of B. A. debris, cleaning drain and stacking the complete as per specifications and directions of Engineer-in-charge of the work.						
			qty vide this MB. P 265578				86130.00
			It no (2) 1485 sqm @ 58/sqm				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) Refixing stone slabs of dress and pointing in CM 1:3 etc complete as per specifications and directions of Engineer-in-charge of the work qty as per Est no. (2) = 1485+2675/42						111375-00
	(b) Providing, laying, spreading and compacting graded stone aggregate to wet mix Macadam specifications including premixing the material with water at OMC in mechanical mix plant						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Carriage of mixed ~~ma~~ metal, laying in ~~wor~~ Rollers to achieve the ~~d~~ specifications, clause no. as per specification. ~~Using~~ ~~compactor power~~ ~~Using 5 H.P.~~ vibratory ~~r~~ density etc complete	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265512

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Carriage of mixed materials by tipper to site, laying in uniform layers with Vibratory Roller to achieve the desired Compaction as per specifications clause No. 500.8 Complete in all respects as per specification. With ~~100-120 HP~~ Capacity Vibratory ~~with tandem pair~~. ~~Gr. IV~~ (~~25 mm~~ to 30mm) ~~with 8T. V~~. Vibratory Roller to achieve the desired density etc complete as per specifications and						

Depth 6	Contents 7	Reference to last Measurement 8
...pondy ...ations and ...of the work		
...No. (2)	✓	
...15/12	111375-00	
...mpacting ...by Mechanical ...the material ...at mix plant		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Executing Engineer in-charge Work.						
	Qty vide this MB. P 26557						
	Item No. (3) 596.25 sqm @ 1438/43						857407.50
5)	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base duly as per MORTH, which including cleaning Road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means etc. complete as per specifications and directions of Engineer-in-charge of the work.						
	(a) Balgi Layout main Road)	1	30.00	4m+8.80 / 2		207.00	
	Suggestion)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cross-Road

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			do this MB. P 265579
			596.25 yds @ 1438/43 857407.50
			Dirty S.S. b. items
			granular base
			ea of Road
			y rate of 0.60 y/ ~
			mplete as per
			engineer-in-charge
			207.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265513

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	$\frac{6.8+6.6}{2}$		201.00	
		1	30.00	$\frac{6.6+6.9}{2}$		202.50	
		1	30.00	$\frac{6.9+6.5}{2}$		201.00	
		1	30.00	$\frac{6.5+5.3}{2}$		175.50	
		1	30.00	$\frac{5.2+4.9}{2}$		151.50	
		1	31.40	$\frac{4.9+4.9}{2}$		153.86	
	Cross-Road	1	24.97	$\frac{4.9+4.9}{2}$		~~153.86~~ 96.57 ~	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Water pipe layout Cross Road ①	1	30.50	$\frac{6.14+6.80}{2}$		= 193.50	
		1	9.30	$\frac{6.8+6.9}{2}$		= 63.27	
	—"— Cross Road ②	1	30.40	$\frac{6.8+6.3}{2}$		= 184.00	
		1	21.60	$\frac{6.3+6.4}{2}$		= 137.11	
	—"— ③	1	30.40	$\frac{5.01+6.50}{2}$		= 172.50	
		1	30.40	$\frac{6.50+4.70}{2}$		= 168.00	
		1	22.60	$\frac{4.7+4.6}{2}$		= 105.08	
	Patch work	1	10.60	2.70		= 28.62	
		1	6.50	2.30		= 14.95	
		1	14.00	2.40		= 33.60	
		1	3.40	2.50		= 7.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	C. main Alignment Layout - 2nd Cross
	—"— R/s
	—"— 3rd Cross

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
6.14+6.80 / 2	2	193.80	
6.8+6.9 / 2	2	68.70	
6.8+6.3 / 2		184.80	
6.3+6.4 / 2		137.11	
5.0+6.50 / 2		172.50	
6.50+4.70 / 2		168.00	
4.7+4.6 / 2		105.00	
2.90	2	28.62	
2.30	2	14.95	
2.40	2	33.60	
2.50	2	7.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 265514

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C. mum: Abutments Layout - 2nd CRoss. 2/s	1	8.30	6.40		49.80	
		1	30.40	4.2+4.50 / 2	2	130.80	
		1	30.40	4.5+4.4 / 2	2	133.50	
		1	18.50	4.4+4.6 / 2	2	83.20	
	——" R/s	1	30.40	5.20	2	156.40	
		1	14.40	5.2+5.3 / 2	2	75.60	
	——" 3rd Clm. 2/s	1	30.40	4.5+4.6 / 2	2	136.00	
		1	30.40	4.6+4.1 / 2	2	130.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
		1	14.00	4.14+4.50 / 2		= 60.20	
						3453.90+42	
						3425.60+42	
						@ 31.00/-2	106175.00
(5)	Providing and laying Semi-dense bituminous concrete using crushed aggregates of specified grading premixed with bituminous binder and filler, transporting the hot mix to work site, laying using hydrostatic paver finisher with screed to the required grade level and alignment, Rolling using smooth wheeled Vibratory and tandem Rollers to achieve the desired						

Assistant Executive Engi...
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Compaction on per... Complete in all res... TM (capacity 3 tmp... 30mm) with 5% re... specifications and d... work. (a) Belgi layout mac... (Singapura)

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
14.50 / 2	2	60.20	
		3453.90 m2	
to be		3425.60 m2	
	@	31.00/m2	106175.60
mission. Concrete			
ed gradient premi			
e, transporting			
e hydrostatic			
to the required			
) drawn wherever			
ere the desired			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265515

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Compaction as per morth's specifications clause no. 500.8 Complete in all respects as per specifications W.r.t. no. 120 TM capacity 8 ton with sensor paver fin. B (25 to 30 mm) W.r.t. 5th. rev. to Bituminous etc complete as per specifications and directions of Engineering-in-Charge of the work.						
	② Balgi layout main Road (Longitudinal)	1	30.00	(7.00+6.8)/2	0.025	5.184	
		1	30.00	(6.8+6.6)/2	0.025	5.03	
		1	30.00	(6.6+6.9)/2	0.025	5.04	

∴ 30/7

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Checked.	1	30.00	$\frac{6.9+6.9}{2}$	0.025	= 5.03	
		1	30.00	$\frac{6.5+5.2}{2}$	0.025	= 4.39	
		1	30.00	$\frac{5.2+4.1}{2}$	0.025	= 3.79	
	Cross-Road	1	31.40	$\frac{4.9+4.9}{2}$	0.025	= 3.80	
		1	24.70	$\frac{4.5+4.1}{2}$	0.025	= 2.41	
	Lakappa Layout Cross-Road-①	1	30.00	$\frac{6.1+6.8}{2}$	0.025	= 4.84	
		1	9.30	$\frac{6.8+6.9}{2}$	0.025	= 1.59	
	Lakappa Layout-CR-②	1	30.00	$\frac{6.0+6.3}{2}$	0.025	= 4.61	
		1	24.60	$\frac{6.3+6.4}{2}$	0.025	= 3.43	
	Lakappa Layout-CR-③	1	30.00	$\frac{5.0+6.5}{2}$	0.025	= 4.31	
		1	30.00	$\frac{6.5+4.7}{2}$	0.025	= 4.20	

Executive Engineer
Ramanagara Division
Karnataka Zone, BBMP

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	C. Mun: Alwamppa Layo... 2nd CRoad 2/3
	C. Mun: Alwamppa Layo... 2nd CRoad-R/3

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	0.025 = 5.03		
	0.025 = 4.39		
	0.025 = 3.79		
	0.025 = 3.80		
	0.025 = 2.41		
	0.025 = 4.84		
	0.025 = 1.55		
	0.025 = 4.61		
	0.025 = 3.43		
	0.025 = 4.31		
	0.025 = 4.20		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

265516

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	22.60	$\frac{4.2+4.6}{2}$	0.025 =	2.63	
		1	10.60	2.70	0.025 =	0.72	
		1	6.50	2.30	0.025 =	0.37	
		1	14.60	2.40	0.025 =	0.84	
		1	3.60	2.50	0.025 =	0.19	
		1	8.30	6.40	0.025 =	1.30	
	C. Mun: Alwarpet Lyout 2nd CRoad 2/3	1	30.60	$\frac{4.2+4.5}{2}$	0.025 =	3.26	
		1	30.60	$\frac{4.54+4.9}{2}$	0.025 =	3.34	
		1	18.50	$\frac{4.4+4.6}{2}$	0.025 =	2.08	
	C. Mun: Alwarpet Lyout 2nd CRoad 2/3	1	30.60	5.20	0.025 =	3.90	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C. Main R.W. Pipe Laying 3rd Cross-4/5	1	14.40	$\frac{5.2+5.3}{2}$	0.025	1.89	
		1	30.40	$\frac{4.5+4.6}{2}$	0.025	3.41	
		1	30.40	$\frac{4.6+4.4}{2}$	0.025	3.21	
		1	14.40	$\frac{4.1+4.5}{2}$	0.025	1.57	
						86.35 m³	
						Ltd to 85.53 m³	85.63
						@ 8475.00/m³	725714.00
(7)	Lead for disposal of debris shall be payable as Conveyance rates by mechanical means including loading and unloading etc complete as per specifications and directions of Engineer-in-charge of the work.						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate (1) Certified that done satisfact (2) the contractor h

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(5.2+5.7)/2	0.025 =	1.89	
(4.5+4.6)/2	0.025 =	3.41	
(4.6+4.7)/2	0.025 =	3.26	
(4.1+4.8)/2	0.025 =	1.57	
		86.35 m³	
	Ltd to	85.53 m³ 85.63	
	@	8475.00/m³	7,25,714.00
ll be	payable at		
m including loading			
specifications and			
of the work			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265517

Serial No. ....
Name of Work .... From.................................. To.......................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty	as per	IT no.	(1)	
			=	687.00 m³			
			Ltd to	480.00 m³	@ 73/m³		35,040.00
						Total Rs	19,73,366.75

Certificate

(1) Certified that the Contractor work done satisfactorily.

(2) The contractor has removed the debris from site.

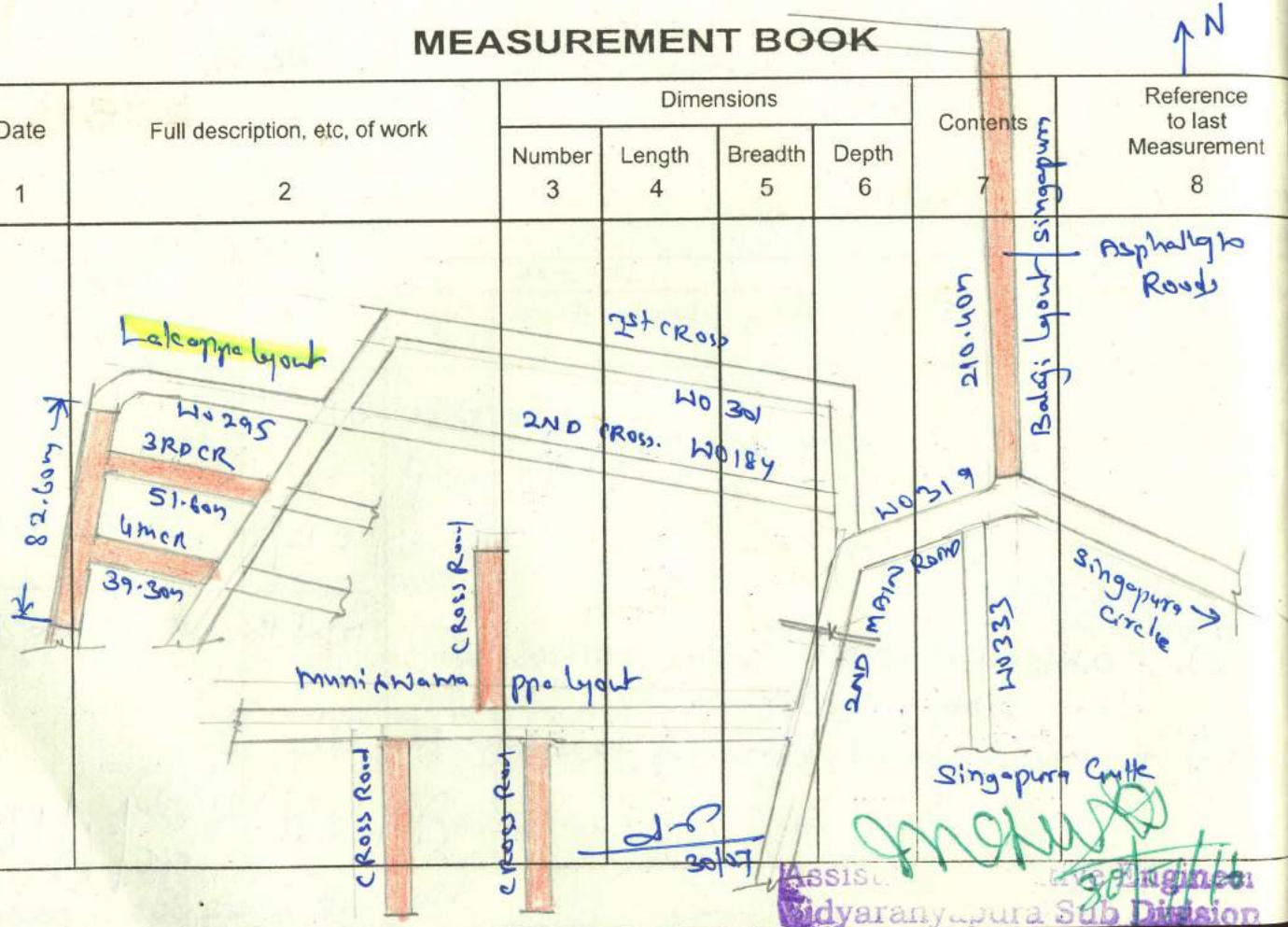
[signature] 30/07/16

[signature] 30/7/16

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, ...

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



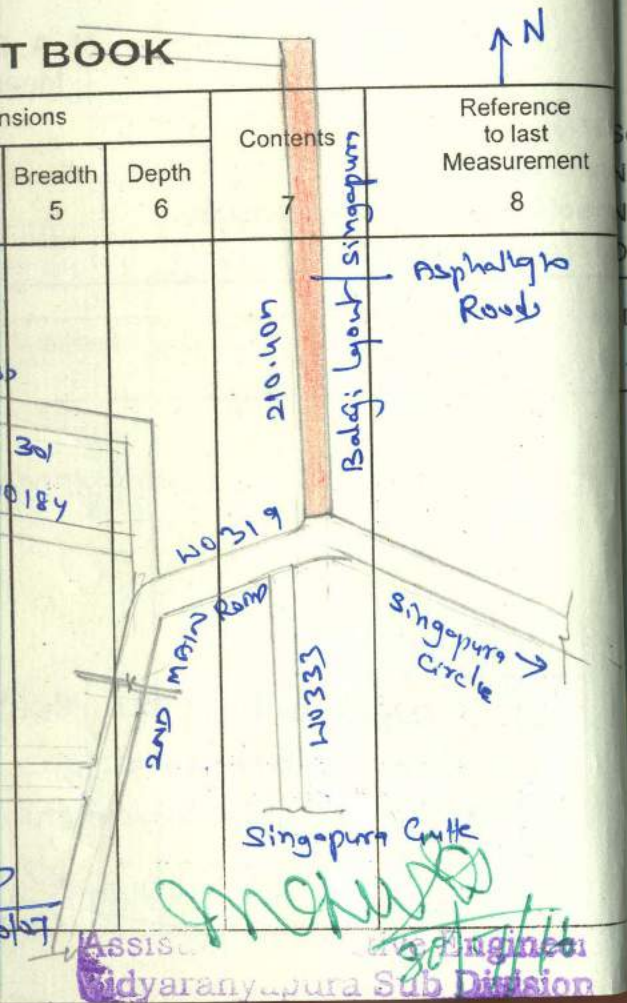
Assistant Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	

Audited & Admitted
1973
1804-58
and Rs 16883
Accts Suddi
Byatarayanapura Dn
BBMP

T BOOK



nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

Assistant Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B
265518

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited & Admitted for Rs 1973360-00 and Rs 1688328/- Accts Supdt Byatarayanapura Dn Bangalore 68.MP					IT- 19734-00 VAT- 75940-00 CST- 19734-00 CST- 19774-00 LR ABASD- 25/8/16 Total Rs 1688328/-	